

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 1    | "60443439"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/10/24 08:01 |
| S2    | 3    | "10005683"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/10/17 11:51 |
| S3    | 2    | "6803003"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/10/17 11:52 |
| S4    | 5    | "6797220"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/10/17 11:52 |
| S5    | 4    | "6740286"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/10/17 11:59 |
| S6    | 1057 | 29/890.03.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/10/18 16:00 |
| S7    | 431  | 29/890.035.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/10/17 16:17 |
| S8    | 3    | 29/890.03-890.054.ccls. and green<br>adj bod\$3 and sinter\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/10/18 08:55 |
| S9    | 18   | ("20040174651"   "3762011"  <br>"3840069"   "4082863"   "4106188"<br>  "4274479"   "4885129"  <br>"6070654"   "6082443"   "6230407"<br>  "6293333"   "6303191"  <br>"6321452"   "6370749"   "6385044"<br>  "6410982"   "H000858"  <br>"H000971").PN. OR ("6935022").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2005/10/18 07:18 |

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| S10 | 3   | "20020109634"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO             | OR | OFF | 2005/10/18 07:19 |
| S12 | 107 | "29"/\$.ccls. and Green adj bod\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/18 08:31 |
| S13 | 89  | "29"/\$.ccls. and Green adj bod\$3<br>and sinter\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/18 08:32 |
| S14 | 148 | 29/890.03-890.054.ccls. and<br>sinter\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/18 10:38 |
| S15 | 14  | 29/890.03-890.054.ccls. and<br>sinter\$3 and filament  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/18 09:17 |
| S16 | 38  | "5645781"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/18 10:05 |
| S17 | 22  | "5645781"  | USPAT   | OR | OFF | 2005/10/18 10:08 |
| S18 | 1   | ("5645781").PN.  | USPAT   | OR | OFF | 2005/10/18 10:05 |
| S19 | 30  | ("4099556"   "4523636"   "4912548"<br>  "4971142"   "5046553"  <br>"5213153"   "5216580"   "5253702"<br>  "5314010"   "5598632"  <br>"5660758"   "5667870"   "5720338"<br>  "5769154"   "5847925"  <br>"5848637"   "5884693"   "6014315"<br>  "6093961"   "6139783").PN. OR<br>("6237223").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/10/18 10:15 |
| S20 | 58  | 29/890.03-890.054.ccls. and<br>sinter\$3 and channel   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/18 11:30 |
| S21 | 43  | "4274479"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/18 10:53 |
| S22 | 1   | "20050039885"  | US-PGPUB  | OR | ON  | 2005/10/18 11:30 |

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| S23 | 1087 | 419/2.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/18 12:21 |
| S24 | 983  | 419/10.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/18 12:14 |
| S25 | 1317 | 419/38.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/18 12:14 |
| S26 | 434  | 419/37.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/18 12:14 |
| S27 | 9484 | "419"/\$.ccls. and sinter\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/18 15:20 |
| S28 | 432  | "419"/\$.ccls. and sinter\$3 and channel  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/18 12:24 |
| S29 | 1    | ("2003/0173720").URPN.  | USPAT   | OR | OFF | 2005/10/18 12:54 |
| S30 | 88   | 264/635.ccls.   | USPAT   | OR | OFF | 2005/10/18 12:55 |
| S31 | 13   | ("4067662"   "4376004"   "4384607"   "4579705"   "4783297"   "4820128"   "4975225"   "5178519"   "5536145"   "5679270"   "5820774"   "6120713"   "H000048").PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/10/18 13:17 |
| S32 | 2    | 09/237,972  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/10/18 13:17 |
| S33 | 7    | ("4999145"   "5403153"   "5738819"   "5778963"   "5993725").PN. OR ("6274078").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/10/18 13:27 |
| S34 | 10   | "6210612"   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/10/18 13:27 |
| S35 | 9    | ("3910851"   "3963504"   "5242595"   "5266207"   "5696217"   "5780186"   "5852088"   "6171687"   "6180222").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/10/18 14:39 |

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| S36 | 4    | "6461563"   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/10/18 14:39 |
| S37 | 10   | ("4722824"   "5393484"   "5878322"   "5886407"   "6033788"   "6075701"   "6114048"   "6248290"   "6315945"   "6322746").PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/10/18 14:41 |
| S40 | 700  | 165/905.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/18 15:24 |
| S41 | 253  | 165/80.1.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/18 15:21 |
| S42 | 622  | 165/80.2.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/18 15:21 |
| S43 | 3017 | 165/80.3.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/18 15:21 |
| S44 | 1288 | 165/80.4.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/18 15:21 |
| S45 | 576  | 165/80.5.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/18 15:21 |
| S46 | 77   | (S40 or S41 or S42 or S43 or S44 or S45) and sinter\$3 and channel  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/18 15:34 |
| S47 | 464  | 361/689.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/18 15:40 |
| S48 | 953  | 361/690.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/18 15:36 |

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| S49 | 927  | 361/699.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/18 15:37 |
| S50 | 1255 | 257/722.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/18 15:39 |
| S51 | 1492 | 372/34.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/18 15:39 |
| S52 | 533  | 372/35.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/18 15:39 |
| S53 | 39   | (S47 or S48 or S49 or S50 or S51 or S52) and sinter\$3 and channel  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/18 15:42 |
| S54 | 2    | 29/890.03.ccls. and green and sinter\$3 and core  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/18 16:01 |
| S56 | 21   | ("4041592"   "4421702").PN. OR ("4746479").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/10/18 16:07 |
| S57 | 28   | ("20010045270"   "20030019104"   "3404061"   "3825064"   "3873805"   "4471837"   "4704231"   "4715438"   "4733293"   "4746479"   "4753290"   "4851965"   "4878152"   "5270902"   "5366688"   "5390734"   "5523260"   "5542471"   "5582781"   "5769158"   "5882570"   "5902762"   "6027807"   "6075701"   "6085830"   "6208513"   "6503626").PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/10/18 16:09 |
| S58 | 10   | "6482520"   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/10/18 16:10 |
| S59 | 12   | ("3404061"   "4878152"   "4895713"   "5523260"   "5582781"   "5902762"   "6027807"   "6060166"   "6099974"   "6131651"   "6208513").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/10/18 16:10 |

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| S60 | 97  | 264/605.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/19 11:24 |
| S61 | 182 | 264/610.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/19 11:23 |
| S62 | 230 | 264/640.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/19 11:23 |
| S63 | 315 | 264/669.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/19 11:23 |
| S64 | 230 | 264/460.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/19 11:24 |
| S65 | 240 | 264/656.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/19 11:24 |
| S66 | 446 | (S60 or S61 or S62 or S63 or S64 or S65) and (core or binder) and sinter\$3                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/21 17:06 |
| S67 | 11  | "5788891"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/19 11:35 |
| S68 | 204 | (S60 or S61 or S62 or S63 or S64 or S65) and (core or binder) and solvent and sinter\$3             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/19 12:04 |
| S69 | 34  | (S60 or S61 or S62 or S63 or S64 or S65) and (core or binder) and solvent and sinter\$3 and channel | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/19 12:08 |

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| S70 | 3     | "6,368,528"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/19 12:08 |
| S71 | 1     | "20020076541"   | US-PGPUB  | OR | OFF | 2005/10/19 15:31 |
| S72 | 1     | "20020167118"   | US-PGPUB  | OR | OFF | 2005/10/19 15:40 |
| S74 | 1     | "20020140139"   | US-PGPUB  | OR | OFF | 2005/10/21 16:08 |
| S75 | 1     | nano adj additive and heat adj<br>exchang\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/19 16:41 |
| S76 | 18358 | additive and heat adj exchang\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/19 16:41 |
| S77 | 2418  | additive and heat adj exchang\$3<br>and green   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/19 16:41 |
| S78 | 1619  | additive and heat adj exchang\$3<br>and green and conduct\$5                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/19 16:42 |
| S79 | 306   | additive and heat adj exchang\$3<br>and green and conduct\$5 and<br>sinter\$3                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/19 16:42 |
| S80 | 2     | additive and heat adj exchang\$3<br>and green and conduct\$5 and<br>sinter\$3 and "29"/\$.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/19 16:45 |
| S81 | 4     | additive and heat adj exchang\$3<br>and green and thermal and sinter\$3<br>and "29"/\$.ccls.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/19 16:45 |
| S82 | 2     | "20040138049"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/21 09:02 |

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| S83 | 3872   | "264"/\$.ccls. and additive and powder and (sinter\$3 or heat\$3) and thermal  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2005/10/21 09:03 |
| S84 | 54727  | additive and powder and (sinter\$3 or heat\$3) and thermal   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2005/10/21 09:06 |
| S85 | 3872   | S84 and "264"/\$.ccls.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2005/10/21 09:06 |
| S86 | 1370   | S85 and percent near weight  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2005/10/21 09:08 |
| S87 | 124    | S85 and percent near weight and heat adj (exchanger or sink)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2005/10/21 09:11 |
| S88 | 18     | (thermal same conductvit\$3)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2005/10/21 09:16 |
| S89 | 10     | thermal adj conductivity   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2005/10/21 09:17 |
| S90 | 117430 | thermal adj conductivity   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2005/10/21 09:17 |
| S91 | 9      | "264"/\$.ccls. and powder and (sinter\$3 or heat\$3) and (thermal same conductivit\$3) and ((percent near weight) with additive) and heat adj (exchanger or sink)        | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2005/10/21 10:44 |
| S92 | 18     | ("4124667"   "4135938"   "4179299"   "4230497"   "4237085"   "4354991"   "4526734"   "4564490"   "4569921"   "4692418"   "4855263"   "4876226").PN. OR ("5656218").URPN. | US-PGPUB; USPAT; USOCR                    | OR | OFF | 2005/10/21 09:37 |

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| S93  | 11 | "5,298,470"  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/10/21 09:37 |
| S94  | 6  | "264"/\$.ccls. and powder and (sinter\$3 or heat\$3) and (thermal with coefficient) and ((percent near weight) with additive) and heat adj (exchanger or sink)                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/21 10:18 |
| S95  | 3  | "501"/\$.ccls. and powder and (sinter\$3 or heat\$3) and (thermal same conductivit\$3) and ((percent near weight) with additive) and heat adj (exchanger or sink)                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/21 10:51 |
| S96  | 2  | "29"/\$.ccls. and powder and (sinter\$3 or heat\$3) and (thermal same conductivit\$3) and ((percent near weight) with additive) and heat adj (exchanger or sink)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/21 10:56 |
| S97  | 2  | "165"/\$.ccls. and powder and (sinter\$3 or heat\$3) and (thermal same conductivit\$3) and ((percent near weight) with additive) and heat adj (exchanger or sink)                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/21 10:59 |
| S98  | 70 | powder and (sinter\$3 or heat\$3) and (thermal same conductivit\$3) and ((percent near weight) with additive) and heat adj (exchanger or sink)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/21 11:31 |
| S99  | 9  | 10/034,079   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/21 11:02 |
| S100 | 18 | ("3132989"   "3489209"   "3498371"   "3968786"   "4030541"   "4955435"   "5660758"   "5667870"   "5774335"   "5784257"   "5825622"   "5837340"   "5844036"   "RE31732").PN. OR ("6465561").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/10/21 11:23 |
| S101 | 49 | ceramic and (sinter\$3 or heat\$3) and (thermal same conductivit\$3) and ((percent near weight) with additive) and heat adj (exchanger or sink)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/21 11:31 |
| S102 | 4  | "6280845"  | USPAT   | OR | OFF | 2005/10/21 12:51 |

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| S10<br>3 | 53  | ("20020018338"   "20020041487"   "20020108743"   "20020195232"   "20040226707"   "4619316"   "4663649"   "4703339"   "4888637"   "4894060"   "4900877"   "4926242"   "4938279"   "4999741"   "5006924"   "5049085"   "5077870"   "5168926"   "5248748"   "5285108"   "5315480"   "5366688"   "5430609"   "5440172"   "5443876"   "5513070"   "5523049"   "5523260"   "5552960"   "5572070"   "5602221"   "5620795"   "5653280"   "5660917"   "5738936"   "5745344"   "5781412"   "5790376"   "6026895"   "6048919"   "6060009"   "6093961"   "6106922"   "6204303"   "6280845"   "6348654"   "6372323"   "6385047"   "6410137"   "6465561"   "6547001"   "6616999"   "6680015").PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/10/21 13:26 |
| S10<br>4 | 225 | carbon adj black and silicon adj carbide and additive and thermal adj conductivity  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/10/21 13:27 |
| S10<br>5 | 225 | carbon adj black and silicon adj carbide and additive and thermal adj conductivity  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/21 13:27 |
| S10<br>6 | 6   | (carbon adj black same additive same thermal adj conductivity) and silicon adj carbide  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/21 13:34 |
| S10<br>7 | 35  | (carbon adj black same additive same thermal adj conductivity)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/21 13:55 |
| S10<br>8 | 2   | "20040034689"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/21 13:42 |
| S10<br>9 | 6   | (carbon near nanotube same additive same thermal adj conductivity)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/21 13:56 |

|          |      |   |   |    |     |                  |
|----------|------|---|---|----|-----|------------------|
| S11<br>0 | 6036 | ((chemical adj vapor adj deposition) or CVD) and (heat adj (exchang\$2 or sink))  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2005/10/21 14:56 |
| S11<br>1 | 1982 | ((chemical adj vapor adj deposition) or CVD) and (heat adj exchanger)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2005/10/21 14:57 |
| S11<br>2 | 548  | ((chemical adj vapor adj deposition) or CVD) and (heat adj exchanger) and outer near surface  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2005/10/21 14:57 |
| S11<br>3 | 17   | ((chemical adj vapor adj deposition) or CVD) and (heat adj exchanger) and outer near surface near metal                               | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2005/10/21 15:20 |
| S11<br>4 | 30   | ("0242471"   "1070995"   "2143156"   "3132979"   "3265124"   "3417453"   "3568723"   "3968786"   "3980105").PN. OR ("4134451"). URPN. | US-PGPUB; USPAT; USOCR                    | OR | OFF | 2005/10/21 15:07 |
| S11<br>5 | 686  | heat adj (exchanger or sink) with outer adj surface and coat\$3 and metal\$2  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2005/10/21 15:55 |
| S11<br>6 | 12   | 29/890.03.ccls. and heat adj (exchanger or sink) with outer adj surface and coat\$3 and metal\$2                                      | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2005/10/21 15:28 |
| S11<br>7 | 2    | "20030029607"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2005/10/21 15:29 |
| S11<br>8 | 212  | ceramic and heat adj (exchanger or sink) with outer adj surface and coat\$3 and metal\$2  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2005/10/21 15:56 |
| S11<br>9 | 92   | (ceramic near powder or matrix) and heat adj (exchanger or sink) with outer adj surface and coat\$3 and metal\$2                      | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2005/10/21 15:57 |

|          |         |   |   |    |     |                  |
|----------|---------|---|---|----|-----|------------------|
| S12<br>0 | 8034200 | (ceramic near powder or matrix) and heat adj (exchanger or sink) with outer adj surface and coat\$3 and metal\$2 no ink adj jet | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2005/10/21 15:57 |
| S12<br>1 | 10      | ceramic near (powder or matrix) and heat adj (exchanger or sink) with outer adj surface and coat\$3 and metal\$2                | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2005/10/21 15:57 |
| S12<br>2 | 16      | nickle and thermal adj conductivity   | US-PGPUB                                  | OR | OFF | 2005/10/21 16:09 |
| S12<br>3 | 111     | nickle and thermal adj conductivity   | US-PGPUB; USPAT; USOCR; EPO; JPO          | OR | OFF | 2005/10/21 16:09 |
| S12<br>4 | 0       | nickle near thermal adj conductivity  | US-PGPUB; USPAT; USOCR; EPO; JPO          | OR | OFF | 2005/10/21 16:09 |
| S12<br>5 | 23      | nickle same thermal adj conductivity  | US-PGPUB; USPAT; USOCR; EPO; JPO          | OR | OFF | 2005/10/21 16:10 |
| S12<br>6 | 9       | nickle with thermal adj conductivity  | US-PGPUB; USPAT; USOCR; EPO; JPO          | OR | OFF | 2005/10/21 16:10 |
| S12<br>7 | 607     | binder with solvent and green adj bod\$3  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/10/21 17:04 |
| S12<br>8 | 97      | 264/605.ccls.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/10/21 17:06 |
| S12<br>9 | 182     | 264/610.ccls.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/10/21 17:06 |
| S13<br>0 | 230     | 264/640.ccls.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/10/21 17:06 |

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|----------|-----|---|---|----|-----|------------------|
| S13<br>1 | 315 | 264/669.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/21 17:06 |
| S13<br>2 | 230 | 264/460.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/21 17:06 |
| S13<br>3 | 240 | 264/656.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/21 17:06 |
| S13<br>4 | 363 | (S128 or S129 or S130 or S131 or S132 or S133) and (core or binder) and sinter\$3 and (water or solvent)                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/21 17:06 |
| S13<br>5 | 231 | (S128 or S129 or S130 or S131 or S132 or S133) and ((core or binder) with (water or solvent)) and sinter\$3                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/21 17:10 |
| S13<br>6 | 93  | (S128 or S129 or S130 or S131 or S132 or S133) and ((core or binder) with (solvent)) and water and sinter\$3                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/21 17:31 |
| S13<br>7 | 39  | (S128 or S129 or S130 or S131 or S132 or S133) and green adj bod\$3 and ((core or binder) with (solvent)) and water and sinter\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/21 17:32 |
| S13<br>8 | 0   | (S128 or S129 or S130 or S131 or S132 or S133) and green adj bod\$3 and (core with (solvent)) and water and sinter\$3             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/21 17:32 |
| S13<br>9 | 0   | (S128 or S129 or S130 or S131 or S132 or S133) and green adj bod\$3 and (core with solvent) and water and sinter\$3               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/21 17:33 |
| S14<br>0 | 0   | (S128 or S129 or S130 or S131 or S132 or S133) and green adj bod\$3 and core with solvent and water and sinter\$3                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/21 17:33 |

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|----------|-----|---|---|----|-----|------------------|
| S14<br>1 | 18  | (S128 or S129 or S130 or S131 or S132 or S133) and green adj bod\$3 and core and solvent and water and sinter\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/21 17:33 |
| S14<br>2 | 123 | microchannel with (heat adj (sink or exchanger)) and fiber  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/24 08:05 |
| S14<br>3 | 84  | microchannel with (heat adj (sink or exchanger)) and core   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/24 10:20 |
| S14<br>4 | 0   | microchannel with (heat adj (sink or exchanger)) and leach\$4 adj core  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/24 08:05 |
| S14<br>5 | 2   | microchannel with (heat adj (sink or exchanger)) and leach\$4 and core  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/24 08:05 |
| S14<br>6 | 0   | ("2004/0076562").URPN.  | USPAT   | OR | OFF | 2005/10/24 08:08 |
| S14<br>7 | 19  | "5536694"   | USPAT   | OR | OFF | 2005/10/24 08:08 |
| S14<br>8 | 70  | ("2137806"   "2365670"   "2365690"   "2540805"   "2898273"   "3021241"   "3109485"   "3277957"   "3329588"   "3332858"   "3445348"   "3669849"   "3843910"   "3980747"   "4133369"   "4285779"   "4295282"   "4312687"   "4378626"   "4399484"   "4401520"   "4421153"   "4434835"   "4450472"   "4480393"   "4535518"   "4539816"   "4541171"   "4567505"   "4569391"   "4573067"   "4574451"   "4637456"   "4712158"   "4741385"   "4865112"   "4871623"   "4880055"   "4975225"   "5038847"   "5070606"   "5083373"   "5095973").PN. OR ("5317805"). URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/10/24 08:27 |
| S14<br>9 | 23  | ("3325881"   "3512571"   "3848040"   "3907949"   "4341725").PN. OR ("4975225").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/10/24 09:15 |

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|----------|-------|--|---|----|-----|------------------|
| S15<br>0 | 1     | "20040138049"  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/10/24 09:15 |
| S15<br>1 | 5     | aquaport   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/24 09:28 |
| S15<br>2 | 35385 | polymethyl adj methacrylate  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/24 09:29 |
| S15<br>3 | 19678 | polymethyl adj methacrylate and<br>(core or binder or fiber)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/24 09:31 |
| S15<br>4 | 11557 | polymethyl adj methacrylate and<br>(core or binder or fiber) and water<br>and solu\$4 and solvent                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/24 09:32 |
| S15<br>5 | 3293  | polymethyl adj methacrylate and<br>(core or binder or fiber) with water<br>and solu\$4 and solvent                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/24 09:32 |
| S15<br>6 | 1797  | polymethyl adj methacrylate and<br>(core or binder or fiber) with water<br>with solu\$4 and solvent                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/24 09:32 |
| S15<br>7 | 263   | polymethyl adj methacrylate and<br>(core or binder or fiber) with water<br>with solu\$4 and solvent and heat<br>adj exchanger  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/24 09:37 |
| S15<br>8 | 1     | polymethyl adj methacrylate with<br>(core or binder or fiber) with water<br>with solu\$4 and solvent and heat<br>adj exchanger | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/24 09:37 |
| S15<br>9 | 24    | polymethyl adj methacrylate with<br>(core or binder or fiber) and water<br>with solu\$4 and solvent and heat<br>adj exchanger  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/10/24 09:50 |

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|----------|-----|--|---|----|----|------------------|
| S16<br>0 | 1   | ethyl adj vinyl adj acrylate with (core or binder or fiber) and water with solu\$4 and solvent and heat adj exchanger            | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/24 09:50 |
| S16<br>1 | 2   | ((ethyl adj vinyl adj acrylate) or eva) with (core or binder or fiber) and water with solu\$4 and solvent and heat adj exchanger | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/24 09:52 |
| S16<br>2 | 1   | ((polyethylene adj ethacrylate) or eea) with (core or binder or fiber) and water with solu\$4 and solvent and heat adj exchanger | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/24 09:53 |
| S16<br>3 | 0   | microcellulouse with (core or binder or fiber) and water with solu\$4 and solvent and heat adj exchanger                         | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/24 09:54 |
| S16<br>4 | 1   | microcellulose with (core or binder or fiber) and water with solu\$4 and solvent and heat adj exchanger                          | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/24 09:54 |
| S16<br>5 | 120 | polystyrene with (core or binder or fiber) and water with solu\$4 and solvent and heat adj exchanger                             | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/24 09:55 |
| S16<br>6 | 3   | microchannel with (heat adj (sink or exchanger)) and core with water   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/24 10:22 |
| S16<br>7 | 1   | microchannel with (heat adj (sink or exchanger)) and core with solvent   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/24 10:25 |
| S16<br>8 | 0   | (matrix and cavit\$3) with (heat adj (sink or exchanger)) and core with solvent  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/24 10:26 |
| S16<br>9 | 3   | cavit\$3 with (heat adj (sink or exchanger)) and core with solvent   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/24 10:27 |

|          |    |   |   |    |    |                  |
|----------|----|---|---|----|----|------------------|
| S17<br>0 | 69 | (fugitive or sacrificial or removable or extractable or leachable or dissolvable) near core and solvent with water                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/24 10:30 |
| S17<br>2 | 10 | (fugitive or sacrificial or removable or extractable or leachable or dissolvable) near core and (solvent with water) and heat adj (exchanger or sink) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/24 10:36 |